

ABSTRACT

A mass memory storage device for reading data stored on a mass memory storage medium on which the data is stored at a substantially uniform density including
5 a support arrangement configured to receive and support the medium. A drive arrangement is operatively connected to the support arrangement such that the drive arrangement rotates the medium at a substantially constant rotational speed when the device is operated in its intended way. A read head for reading the data stored on the medium is positioned adjacent to the medium with the read head being movable relative
10 to the medium. A read channel arrangement for processing the data read by the read head is operatively connected to the read head. The read channel arrangement has a substantially continuously variable read channel data processing rate which varies according to the rate at which the read head reads the data from the medium. In a preferred embodiment, the device is a CD drive.